

20000818.qrp v01_n917.qrl.20000818

Date: Fri, 18 Aug 2000 19:03:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1917

QRP-L Digest 1917

Topics covered in this issue include:

- 1) [77611] LDG Electronics Instructions
by "Karl F. Larsen" <k5di@zianet.com>
- 2) [77612] Re: Call Signs or Tube Type Numbers?
by George F Franklin <w0av@juno.com>
- 3) [77613] Re: Wanted: Digital Volt Meter Circuit
by "John J. McDonough" <wb8rcr@arrl.net>
- 4) [77614] Re: Call Signs or Tube Type Numbers?
by "Merryprankster@cwcom.net" <merryprankster@cwcom.net>
- 5) [77615] RE: Regenerative RX Use (was Re: Really, really old radio receiver.)
by "AI2Q Alex" <ai2q@ispchannel.com>
- 6) [77616] Re: Wanted: Digital Volt Meter Circuit
by Dan Tayloe <dtayloe@home.com>
- 7) [77617] Old Radio Rebuild
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 8) [77618] Re: Wanted: Digital Volt Meter Circuit
by "George , W5YR" <w5yr@att.net>
- 9) [77619] Fox Hunt From Florida
by w2xn@juno.com
- 10) [77620] Sorry for Dupe
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 11) [77621] Re: Old Radio Rebuild
by "George , W5YR" <w5yr@att.net>
- 12) [77622] FOX: Pounding in to CT
by "KC1FB" <kc1fb@optonline.net>
- 13) [77623] FOX: the wall is down in NH
by N10DL@aol.com
- 14) [77624] Fox..Rat run
by Pete Burbank <plburbank@kih.net>
- 15) [77625] Hamfest Finds
by "Dan Reynolds" <bcdlr@yahoo.com>
- 16) [77626] FOX- Got him early!
by John Wagner <john@neknetwork.com>
- 17) [77627] Re: Regenerative RX Use (was Re: Really, really old radio receiver.)
by Nv4t@aol.com
- 18) [77628] FOX got DX tonight :-)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 19) [77629] Re: FOX got DX tonight :-)

- by Macstein@aol.com
- 20) [77630] QRP-L Web site - featured summary
by John Wagner <john@neknetwork.com>
- 21) [77631] FOX: NOUR, Jim, a DXer FOX
by tom palmer <n1tp@worldnet.att.net>
- 22) [77632] FOX: More DX
by N10DL@aol.com
- 23) [77633] Re: Wanted: Digital Volt Meter Circuit
by Tom Popovic <ki3r@yahoo.com>
- 24) [77634] Re: Code on the Internet
by Steve Yates <aa5tb@yahoo.com>
- 25) [77635] Re: FOX: the wall is down in NH
by Bruce Rattray <rattray@gpfn.sk.ca>
- 26) [77636] Re: idea for simple 15M rig
by Ray Colbert <w5xe@juno.com>
- 27) [77637] Re: Call Signs or Tube Type Numbers?
by Ray Colbert <w5xe@juno.com>
- 28) [77638] New Alaska Ham Help de AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 29) [77639] Re: FOX: the wall is down in NH
by tom palmer <n1tp@worldnet.att.net>
- 30) [77640] Will the Norcal BLT tune up on 80?
by Mike <mparkes@att.net>
- 31) [77641] FOX - My Apologies as well for a Dup/Misfire
by Lew Paceley <lew@paceley.com>
- 32) [77642] FOX posted to DX Summit spot list
by Macstein@aol.com
- 33) [77643] Re: OPS: Message Relay Exercise?
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 34) [77644] RE AL7FS: New Ham in Alaska
by ABCQRP <w6abc@yahoo.com>
- 35) [77645] QRP From Preqsue Isle State Park PA.
by Tom and Roxy <zikot@erie.net>
- 36) [77646] s h 5
by bejones@hursley.ibm.com
- 37) [77647] Re: QRP From Preqsue Isle State Park PA.
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 38) [77648] FOX was strong
by "Karl F. Larsen" <k5di@zianet.com>
- 39) [77649] Re: Somewhat OT Re: Regeative RX Use (was Re: Really, really
old radio receiver.)
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 40) [77650] Re: Old Radio Rebuild
by George F Franklin <w0av@juno.com>
- 41) [77651] Re: Old Radio Rebuild
by Jim Cotton <cotton@wmich.edu>
- 42) [77652] TenTec 1340 Sidetone
by "Shawn Upton" <shawn-upton@orgella.com>

- 43) [77653] RE: QRP From Presque Isle State Park PA.
by "AI2Q Alex" <ai2q@ispchannel.com>
- 44) [77654] RE: Will the Norcal BLT tune up on 80?
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 45) [77655] Speaking of Tubes
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 46) [77656] Re: Making the K2 a BIG DEAL in a QSO
by Wayne Burdick <n6kr@elecraft.com>
- 47) [77657] Re: RE AL7FS: New Ham in Alaska
by MARTIN J STRATTON <kc2cwn@juno.com>
- 48) [77658] QRP publications
by Ken Knecht <kenk@primenet.com>
- 49) [77659] Re: QRP publications
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 50) [77660] Re: Speaking of Tubes
by "Russ Hines" <radioruss@fuse.net>
- 51) [77661] Re: Speaking of Tubes
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 52) [77662] Re: CW filter for Yaesu FT-7?
by Mike Pupeza <mpupeza@altavista.com>
- 53) [77663] Re: Wanted: Digital Volt Meter Circuit
by "Jean Jibouleau" <jiboulj@globetrotter.net>
- 54) [77664] WTD: Elmer 101 in powerpoint slides?
by "Tom Scott" <TomRScott@Sterlink.net>
- 55) [77665] low-power philosophy
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 56) [77666] Re: QRP publications
by Paul Maciel <pmaciel@inow.com>
- 57) [77667] FOX- NOUR, Raw Log
by NOUR1@aol.com
- 58) [77668] Re: Energizer e² Titanium Technology Cell
by Larry S Cahoon <wd3p@juno.com>
- 59) [77669] Re: QRP from Presque Isle State Park PA.
by Tom and Roxy <zikot@erie.net>

Date: Thu, 17 Aug 2000 17:03:46 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [77611] LDG Electronics Instructions
Message-ID: <Pine.LNX.4.10.10008171655230.1520-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was giving one last try to get this AT-11 to work and using
another power source it was doing the same thing. But much by accident I

discovered that when in the Semi Mode (which is the only one that works)
you MOMENTARILY TAP THE TUNE BUTTON!!!!

When I made this discovery it started doing great. I re-read the instructions and nowhere do they say to just tap the Tune button. That has been why mine has not worked and I expect many other people have held down the tune button and had the same horrible problem

Thanks to all you who have related your success and failure with this auto-tuner and I hope thi message will help others to understand their AT-11 and discover it does work.

I went back to the original power source and it works good there too.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 17 Aug 2000 17:56:53 -0500
From: George F Franklin <w0av@juno.com>
To: dlh1009@ritvax.isc.rit.edu
Cc: qrp-1@Lehigh.EDU
Subject: [77612] Re: Call Signs or Tube Type Numbers?
Message-ID: <20000817.180127.-544199.5.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Dave,

They aren't in my old GE and RCA tube manuals, but they sure do sound like tube numbers..

I recall old time pre WW2 bootleggers using the call signs 5U4GB and 6L6GX on 40M CW, plus a few more that were definitely not tube types and unsuitable for mention in this forum.

Back in the fifties when hams still used tubes, one joker proposed publishing a combination tube manual and call book, but it didn't make the cut. I suppose he was kidding, but who knows?

Sorry about the bandwidth.

72/73/74 de George/W0AV

SOC#101

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 17 Aug 2000 19:10:31 -0400

From: "John J. McDonough" <wb8rcr@arrl.net>

To: <dlh1009@ritvax.isc.rit.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [77613] Re: Wanted: Digital Volt Meter Circuit

Message-ID: <00c501c008a0\$b13c9120\$010044c0@Conor.baycty1.mi.home.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: David Hinerman <dlh1009@ritvax.isc.rit.edu>

Subject: Re: Wanted: Digital Volt Meter Circuit

> I am looking for a circuit, yes another one, using either a LED or LCD
(LED

> preferred) readout for a compact DC volt meter. Maximum voltage would

The G-QRP club has a real simple little voltage monitor using a bargraph display and an LM3914 or some such. (well, they use 10 LEDs but a bargraph display seems a little nicer). Seems like this might be another approach. You could set the range to whatever you wanted. It's real compact, cheap, and if the point is to monitor the supply, seems appropriate.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>

didileydadidah QRP-L #1446 Code Warriors #35

Date: Fri, 18 Aug 2000 00:33:50 -0700

From: "Merryprankster@cwcom.net" <merryprankster@cwcom.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [77614] Re: Call Signs or Tube Type Numbers?

Message-ID: <018b01c008e6\$a9f722e0\$60122cc3@houseqrx7neuap>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That sounds great to me!!!

>From BFY51

Date: Thu, 17 Aug 2000 20:18:47 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <na5n@rt66.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [77615] RE: Regenerative RX Use (was Re: Really, really old radio receiver.)
Message-ID: <000301c008a9\$e11ddda0\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was told by my dear friend W2LL (SK) that the Wireless Specialty Apparatus Co. IP-501 spark receiver that I have here is "rare" because most were destroyed prior to the US entering WWII. The marine receiver is a one-tube (a 201, of course) regen, and Gene said enemy navigators could home in on the oscillation (radiated by the receiving antenna) and drop a torpedo from the air. The government dictated that merchant ships and navy vessels destroy them and re-fit radio rooms with superhet receivers.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Paul Harden, NA5N
Sent: Thursday, August 17, 2000 2:52 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Regenerative RX Use (was Re: Really, really old radio receiver.)

On Thu, 17 Aug 2000, Steve Yates wrote:

> "Almost forgot. When you adjust the regen. control too far, you ARE
xmitting
> a CW signal on the frequency that the set is tuned to. This was a

> big problem in the cities in the twenties.

Not to mention the German U-boats in WWII. They hurriedly built some regen receivers to detect the British airborne radars. There were scores of U-boats sunk by the British Southers, not by their radars, but by simply listening for the carriers emitted by their radar regen detectors.

> I wouldn't want to discourage regenerative receiver use in general.

Placing a simple RF amplifier between the antenna and regen stage will help considerably with the amount of radiation getting back to the antenna.

72, Paul NA5N

Date: Thu, 17 Aug 2000 18:25:00 -0700
From: Dan Tayloe <dtayloe@home.com>
To: Firefox@Southwind.net, qrp-l <qrp-l@Lehigh.EDU>
Subject: [77616] Re: Wanted: Digital Volt Meter Circuit
Message-ID: <399C906C.F1A0393F@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>I am looking for a circuit, yes another one, using either a LED or LCD (LED >preferred) readout for a compact DC volt meter. Maximum voltage would be at >most 26V (dual 12V gel cells) and probably not over 16V.
>What I am doing is I would like to build a portable power supply and using a >momentary switch, be able to get a voltage reading on the supply.
>It wouldn't have to be dead accurate, within .2V would be OK with me.

If what you are interested in doing is measuring the battery voltage, 16 to 28v, it is a simple thing to use a comparator to drive a LED, a 2.5 voltage reference IC (LM4040?) as one input to the comparator, and a pot connected to the battery being measured as a voltage divider connected to the other comparator input.

The pot can be varied until the LED just changes from on to off or vice versa. The pot setting at that point can be used to indicate battery voltage. The pot is simply used as a voltage divider to bring the battery voltage down to a lower level for comparison by the comparator against the 2.5v reference.

Do some voltage divider calculations and add a fixed resistor to the top

of the pot to limit the minimum voltage to 15v or so, and another at the bottom of the pot to limit the maximum voltage to 28v or so.

Run everything off the battery, so you need a comparator rated to 36v or +/-18v, and preferably good for input down to the negative rail (ground).

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

Date: Thu, 17 Aug 2000 20:32:32 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [77617] Old Radio Rebuild
Message-ID: <05e701c008b4\$3079d480\$0200000a@mcg.net>

Hi all,

I just finished recapping an old 1942 Philco model 380 console radio. I got it working and seems OK. I haven't done much of this before and found it strange when I was peaking the IF cans. It was if you would go a little to far and they would start to squeal(oscillate) much like a regen. Does anyone know if this is correct behavior, or do I have some more work to do? This happened with all three stages.

Thanks and 73 de KA0GKC Claton Cadmus
ka0gkc@arrl.net

Date: Thu, 17 Aug 2000 20:32:03 -0500
From: "George , W5YR" <w5yr@att.net>
To: dtayloe@home.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [77618] Re: Wanted: Digital Volt Meter Circuit
Message-ID: <399C9213.D9A7E401@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A simple "cheap and dirty" voltage indicator can be formed from a resistor, LED and one or more Zener diodes (whatever is in the junkbox) all in series. Experiment with values until you find what will turn the LED on at the desired voltage and cause it to go off at a lower voltage.

Use a push-button switch if you wish to avoid any current drain until you want to check the voltage.

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

> >I am looking for a circuit, yes another one, using either a LED or LCD (LED
> >preferred) readout for a compact DC volt meter. Maximum voltage would be at
> >most 26V (dual 12V gel cells) and probably not over 16V.
> >What I am doing is I would like to build a portable power supply and using a
> >momentary switch, be able to get a voltage reading on the supply.
> >It wouldn't have to be deadly accurate, within .2V would be OK with me.

Date: Thu, 17 Aug 2000 21:37:30 -0400
From: w2xn@juno.com
To: qrp-l@lehigh.edu
Subject: [77619] Fox Hunt From Florida
Message-ID: <20000817.213734.-804771.2.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim,
What a great signal into Florida. Definitely 5 9 9 here in Lakeland.
Thanks for being a fox tonite, and sounds like you are really logging
them in. I think you got all the Florida stations in the first few
minutes.

thanks for picking me up and giving me a pelt also.

Fred W2XN, Lakeland FL, w2xn@arrl.net
ARRL, ARES, Skywarn #POL-007, VE, Lakeland Amateur Radio Club
QRP: AR #233, QRP-L #1728, NJ #197, Zombie #709, FP #126

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 17 Aug 2000 21:41:02 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [77620] Sorry for Dupe
Message-ID: <200008172141_MC2-B026-84C4@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Sorry for duping the Jim the FOX tonight. His reply was covered up the first time, so I went right back. I apologise for unintentionally QRMing=

anyone. He was very QSB here, so it was touch and go at best. =

72/73,

--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail =3D K0EVZ@arrl.net

Date: Thu, 17 Aug 2000 20:39:54 -0500
From: "George , W5YR" <w5yr@att.net>
To: ka0gkc@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [77621] Re: Old Radio Rebuild
Message-ID: <399C93EA.6E7B0E1@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Seems a little removed from QRP, but as I recall from working in a "radio" shop back in the mid-40's, some Philco radios used "controlled" regeneration in the i-f stages for additional gain. The adjustments were super-critical to avoid the oscillation you have observed.

If that is not the case, though, I would check all screen bypass caps and d-c decoupling caps and the "avc" cap. Make sure all tube shields

are in place and making good contact with chassis clips. Also, if any of the i-f tubes has too high gm, that could cause oscillation. We used to keep a few old tubes with reduced gm around just for those trouble cases.

Lots of memories from those days . . .

72/73, George W5YR - the Yellow Rose of Texas
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Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

Cla KA0GKC wrote:

>
> Hi all,
>
> I just finished recapping an old 1942 Philco model 380 console radio. I got
> it working and seems OK. I haven't done much of this before and found it
> strange when I was peaking the IF cans. It was if you would go a little to
> far and they would start to squeal(oscillate) much like a regen. Does anyone
> know if this is correct behavior, or do I have some more work to do? This
> happened with all three stages.
> ----
> Thanks and 73 de KA0GKC Claton Cadmus
> ka0gkc@arrl.net

Date: Thu, 17 Aug 2000 21:47:01 -0400
From: "KC1FB" <kc1fb@optonline.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [77622] FOX: Pounding in to CT
Message-ID: <00eb01c008b6\$34731040\$1600a8c0@tp760e>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow! After being skunked twice in row.....Jim was 599++ here in CT tonight.
Strong enough to get him in the first half hour.

Life is good.

Jim Francoeur KC1FB QRP-L #29
Norwalk, CT

Date: Thu, 17 Aug 2000 21:50:41 EDT
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [77623] FOX: the wall is down in NH
Message-ID: <b6.971adc0.26cdf071@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

YEHAAA...Got Jim about 10 minutes after I heard him from here in NH. thought I was going to be skunked this summer. Jim, you did a great job pulling me out tonight. Thank you very much. You made this ham VERY happy. Am running the OHR100A at 2 watts into a Gusher 20-20 dipole I stuck up in my den just for the FOX....did you hear the wall come crashing down?
Aron Brown
N10DL/qrpBedford, NH

Date: Thu, 17 Aug 2000 21:56:59 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [77624] Fox..Rat run
Message-ID: <3.0.32.20000817215655.0076d8a8@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A clean sweep by the evil rats with our yellow eyes glowing in the dark and gnashing, sharp fangs.
Not only that but a run of 4 while Doc sorted out his antennas.
Doc is pretty close to N0UR. The Redshirt Rat even got him.
"It ain't over 'til it's over"
73 Pete NV4V

Date: Thu, 17 Aug 2000 20:57:09 -0500
From: "Dan Reynolds" <bcdlr@yahoo.com>
To: "qrp-L Reflector" <qrp-1@Lehigh.EDU>
Subject: [77625] Hamfest Finds
Message-ID: <000c01c008b8\$2186c920\$7980fea9@c375497a>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I need some help identifying some hamfest goodies. One guy had an interesting "free" pile and I walked away with all I could carry.

There were three Harris items if someone could help me identify their use and specifications:

- 1) It appears to be a filter of some sort. Metal can 1-5/16"L x 1"W x 3/4"H,
5 pins on bottom 3 on one end, 2 on the other end one of which is grounded. Markings are on top, line by line: HARRIS; P/N 700-0423-000; FREQ 10.000 MHZ; T136; SN. 6385
- 2) Another filter. Metal can 3"L x 1-3/8"W x 3/4"H, 5 pins on bottom, 2 on each end marked IN & OUT, 1 terminal near the middle marked G. Plus there are two studs about 2-56 threaded. Markings on top, line by line:
DUAL COMPENSATOR FILTER; HARRIS P/N 484-0265-000.
- 3) Another one almost identical to #2 but markings are different: DUAL LOWPASS FILTER; and the P/N 484-0260-000.

And Item #4, some IF coil forms. Cambion LS12-6D. The cans are about 1/2" sq. x 9/16" H. They are all apart. There is a phonelic looking form, the outer can, a six terminal socket, a two piece inner ferrite(?) "pot" assembly with a green dot of paint on them, a bottom plate and the adjustment slug. These wouldn't happen to be similar to the 10 MM Toko coils would they?

If someone could help I would appreciate it.
Dan Reynolds KB9JL0

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Date: Thu, 17 Aug 2000 22:13:03 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [77626] FOX- Got him early!
Message-ID: <399C9BAF.B1424699@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gave Jim a 559 from reflex, but after listening to him after bagging a pelt he went up to a 599+20. Heard a number of calls from the list here, which was pretty neat. Went and had a few Q's afterward and came back to listen to him and he was down to about a 449 at best. Weird how the wind blows!

One of things I set out to do tonight was to work the fox from the pileup; my goal was a pelt in the first 15 minutes. With Jim being in MN, I figured I had a good shot as I seem to have a lot of Q's in MN. I set my keyer a little faster than usual and practiced the exchange a few [understatement] times before the hunt. Well, I bagged Jim at 0111z! Woooo hoooo! 5w from my IC-746 out the 3/2w1 dipole for my fastest pelt yet. I managed to flub my QRP-L nr the first time (heat of the hunt 'eh), but all in all a very fun hunt.

Jim: Great job tonight, thank you.

73 all,

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

Date: Thu, 17 Aug 2000 22:17:30 EDT
From: Nv4t@aol.com
To: ai2q@ispchannel.com, qrp-l@lehigh.edu
Subject: [77627] Re: Regenerative RX Use (was Re: Really, really old radio receiver.)
Message-ID: <e1.8a8167b.26cdf6ba@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

THAT'S NOT ALL, some of the 30's and early 40's superhets radiated enough signal that the German unterseebots D.F.'ed them too!!!!

73 nv4t

Date: Thu, 17 Aug 2000 22:25:50 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>

Subject: [77628] FOX got DX tonight :-)
Message-ID: <200008172226_MC2-B028-B1F2@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Heard Jim bag an SM station tonight during the FOX hunt. He might have been QRO, but at least it was DX during the Summer FOX series. We had hoped having a hunt on 20 Metres might bring in some DX ops. Congrats, Jim.

72/73,
--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail =3D K0EVZ@arrl.net

Date: Thu, 17 Aug 2000 22:29:14 EDT
From: Macstein@aol.com
To: 70511.3041@compuserve.com, qrp-1@lehigh.edu
Subject: [77629] Re: FOX got DX tonight :-)
Message-ID: <2b.99dd74f.26cdf97a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 08/17/100 9:27:41 PM EST, 70511.3041@compuserve.com writes:

> Gang:
>
> Heard Jim bag an SM station tonight during the FOX hunt. He might have
> been QRO, but at least it was DX during the Summer FOX series. We had
> hoped having a hunt on 20 Metres might bring in some DX ops. Congrats,
> Jim.

AND a PY station! Also, after all of the discussion, Jim worked hounds at THEIR speed.. form 28 or so to 8 wpm... what a great job Jim!!!

-MAC-
AF4PS

A Swamp Rat

Date: Thu, 17 Aug 2000 22:43:17 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [77630] QRP-L Web site - featured summary
Message-ID: <399CA2C5.B763C620@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I'm pleased to announce that I've put up our first featured archive on the QRP-L web site. Submitted by Jim Kellog, AE4IC is a summary of Antenna Tuner Tests. You can have a look by following the link at <http://qrp.lehigh.edu/lists/qrp-l/articles.html>

I won't be announcing future additions to the article list, but this being the first I figured what-the-heck. Please feel free to contact me if you're interested in writing something for the QRP-L site.

73,

John, KB1ENS
QRP-L WebMaster

Date: Thu, 17 Aug 2000 22:51:58 -0400
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [77631] FOX: N0UR, Jim, a DXer FOX
Message-ID: <399CA4CD.BCBF8FFF@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim, N0UR, gave a pelt to an "SK" (Sweden) named ""Tor" during tonite's Foxhunt (# 13).

Tom, N1TP
Naples, FL
QRP-L 1317

Date: Thu, 17 Aug 2000 22:54:49 EDT
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [77632] FOX: More DX
Message-ID: <e1.8a956d9.26cdff79@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Jim just got F5JD in France...What a FUN night
Aron
N10DL

Date: Thu, 17 Aug 2000 19:55:45 -0700 (PDT)
From: Tom Popovic <ki3r@yahoo.com>
To: wb8rcr@arrl.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [77633] Re: Wanted: Digital Volt Meter Circuit
Message-ID: <20000818025545.1507.qmail@web219.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello DaveHosfelt Electronics 1-800-524-6264 has
a nice kit for \$7 that works great and should meet
your needs quite well. product code is VM-1.

73 Tom KI3R Port Vue Pa.
--- "John J. McDonough" <wb8rcr@arrl.net> wrote:
> -----Original Message-----
> From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
> Subject: Re: Wanted: Digital Volt Meter Circuit
>
>
> > I am looking for a circuit, yes another one,
> using either a LED or LCD
> (LED
> > preferred)readout for a compact DC volt meter.
> Maximum voltage would
>
> The G-QRP club has a real simple little voltage
> monitor using a bargraph
> display and an LM3914 or some such. (well, they use
> 10 LEDs but a bargraph
> display seems a little nicer). Seems like this
> might be another approach.

> You could set the range to whatever you wanted.
> It's real compact, cheap,
> and if the point is to monitor the supply, seems
> appropriate.
>
> 72/73 de WB8RCR
> <http://members.home.com/wb8rcr/index.htm>
> didileydadidah QRP-L #1446 Code Warriors #35
>
>

=====

The common good was the claim and justification of every
tyranny ever established over men. Every major horror of
history was committed in the name of altruistic motive...
Actors change, but the course of the tragedy remains the
same. Ayn Rand 1943

Do You Yahoo!?

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<http://im.yahoo.com/>

Date: Thu, 17 Aug 2000 19:58:26 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [77634] Re: Code on the Internet
Message-ID: <20000818025826.16354.qmail@web3005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Bob,

The ARRL has their W1AW CW practice sessions on the net in RealAudio format and
they are of a
reasonable file size. Speeds range from 5 WPM to 20 WPM. I download them onto a
Zip disk and
listen to them at home or at work.

The URL is:

<http://www.arrl.org/w1aw/morse.html>

=====

73,

Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Do You Yahoo!?
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<http://im.yahoo.com/>

Date: Thu, 17 Aug 2000 21:06:12 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: N10DL@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [77635] Re: FOX: the wall is down in NH
Message-ID: <Pine.LNX.3.95.1000817210453.840B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 17 Aug 2000 N10DL@aol.com wrote:

> for the FOX....did you hear the wall come crashing down?
> Aron Brown
> N10DL/qrpBedford, NH
>
....the wall didn't come crashing down Aron, it just moved to the
Saskatchewan border.....HI HI.....glad you bagged him,,,,,no joy in
Regina tonight!.....72 - Bruce(VE5RC+VE5QRP)

Date: Thu, 17 Aug 2000 21:22:12 -0600
From: Ray Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [77636] Re: idea for simple 15M rig
Message-ID: <399CABE4.177027C6@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rock - W9SCH has in this months T5W a 15 meter 1 watt
rig which you might want to check out. It first appeared,

according to this article, in the Quarterly April 87.
I think it was a late 50's issue of Radio-TV experimenter
that Rock also had another 15 meter rig called the Isotron,
designed to thwart the 21 mc IF TVI problems of televisions
of the day. A glowbug rig of the first order,
And it was on wheels!

--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111
NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Thu, 17 Aug 2000 21:26:34 -0600
From: Ray Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [77637] Re: Call Signs or Tube Type Numbers?
Message-ID: <399CACEA.37A564BA@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

BFY51 = 2n3503

--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111
NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Thu, 17 Aug 2000 19:25:03 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [77638] New Alaska Ham Help de AL7FS
Message-ID: <399CAC8F.CA49ACE3@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

There is a new ham in the Anchorage area that seems to be a real spark plug sort of person. This ham wants to be primarily a CW operator and wants to get into traffic handling and emergency communications.

There is only one problem...severe lack of money. This person is working full time as an ISP technician and the spouse also works full time as a cook (except in winter when demand drops off). They are trying to clean up some serious debts from several years ago when, I think, they had a private business venture fold.

Here is the deal. I would like to buy this ham a QRP rig. I am looking for a really good price if at all possible (surprise!) as this comes out of my meager mad money account. As I am encouraging CW, QRP and upgrade to General class (written already passed), I feel a good 20 meter QRP rig would be best for Alaska.

Does anyone have one too many good 20 meter CW rigs around the house? Please contact me directly and we can open negotiations. I have more in mind OHR, Emtech, Norcal 20, Red Hot 20, etc., but any rig will be considered. The rig should have RIT. A five watt rig is preferable but not mandatory to maximize first experiences with QRP.

Thank you in advance.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska

QRP-L CD Ver. 3.1 available: <http://www.qsl.net/al7fs/QRP-CDver3.htm>

QRP ARCI #6754 Check out <http://www.qrparci.org/>

<http://www.qsl.net/al7fs/> <mailto:al7fs@pobox.alaska.net>

Date: Thu, 17 Aug 2000 23:31:42 -0400

From: tom palmer <n1tp@worldnet.att.net>

To: ratttray@gpfn.sk.ca

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [77639] Re: FOX: the wall is down in NH

Message-ID: <399CAE1E.5F6ABE6F@worldnet.att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bruce,

Heard you calling N0UR.

You had a fine signal in Naples, Fl.
Sorry Jim could not hear you.

Tom, N1TP

Bruce Rattray wrote:

> On Thu, 17 Aug 2000 N10DL@aol.com wrote:
>
> > for the FOX....did you hear the wall come crashing down?
> > Aron Brown
> > N10DL/qrpBedford, NH
> >
>the wall didn't come crashing down Aron, it just moved to the
> Saskatchewan border.....HI HI.....glad you bagged him,,,,,no joy in
> Regina tonight!.....72 - Bruce(VE5RC+VE5QRP)

Date: Thu, 17 Aug 2000 20:34:08 -0700
From: Mike <mparkes@att.net>
To: qrp-l@Lehigh.EDU
Subject: [77640] Will the Norcal BLT tune up on 80?
Message-ID: <v04003a00b5c25efd0af6@[12.73.160.193]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wonder if this little jewel will tune up on 80?
Mike AB7RU

Date: Thu, 17 Aug 2000 23:13:38 -0500
From: Lew Paceley <lew@paceley.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [77641] FOX - My Apologies as well for a Dup/Misfire
Message-ID: <022501c008ca\$aafa33a60\$0332a8c0@roland.swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I also want to apologize for a dup...or misfire...thought I heard my call at a 339 level, jumped in and replied...never heard Jim come back, perhaps due to the "slow fade", but more likely because I screwed up. My apologies for unwittingly QRMing anyone.

Jim, thanks for being a terrific fox tonight...you sawed through those pileups until there was nothing left but DX, hi!

72/73,
Lew
N5ZE

PS - And a big congrats to Doc on his A-1 OP election! Vy FB and well deserved!

Date: Fri, 18 Aug 2000 00:45:56 EDT
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [77642] FOX posted to DX Summit spot list
Message-ID: <57.a105793.26ce1984@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Fox got posted to DX Summit! Now you are really famous! (Might explain some of the DX attention....)

VE2JCW-@	14259.0	9A3FT	IOTA EU-016	0241	18 Aug
WA6JRZ	14027.7	UT7LW	lotsa cq's....drifting	0238	18 Aug
SM4MWJ	14051.0	N0UR/QRP	jim	0235	18 Aug
N1WEZ	14189.0	9K2HN	5/9 in Me. Big pile up	0241	

-MAC-
AF4PS
Odessa, FL

Date: Thu, 17 Aug 2000 23:58:12 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [77643] Re: OPS: Message Relay Exercise?
Message-ID: <200008180458.AA02569@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

I, for one, like this idea, as it harkens back to the beginnings of amateur

radio and the great transcontinental relays of the day. To expound on the earlier suggestions, I'd like to offer the following:

1.) Competition should be of a "team" nature, i.e. a team consisting of an east coast station, a west coast station, and 2-3 intermediates attempt to get the message from east to west inside the allotted time.

2.) The judging authority gives the message text to the originating station -- the text is unknown to all other stations in the chain. The destination station would then submit a copy of the received text to the judging authority for evaluation against the original text.

3.) For best results, I think the relay should take place on either 40 or 80m, so that a direct path between the endpoints would be less possible. Probably 80m would be the ideal, although not everyone has room for an 80m wire.

4.) Scoring would be as follows: #chars in message * mins under limit * %correct.
Team with the highest score wins. I rather like the idea of no fills, but this scoring system would work with fills being penalised by the increase in transit time. Something of a trade-off between accuracy and time. Open to thoughts/input on this.

Now, I'm sufficiently interested in this to take the bull by the horns once the dust settles and organise the event (although any assistance would be welcomed). I'll take comments for a week on how you'd like to see this run, then issue the finalised rules and call for entries, plus set the date of the event.

72/73,

Todd, AG0T
QRP-L #2211, ND

Date: Fri, 18 Aug 2000 00:20:05 -0700 (PDT)
From: ABCQRP <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [77644] RE AL7FS: New Ham in Alaska
Message-ID: <20000818072005.2187.qmail@web2105.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi All,

I think this is a great opportunity to show what the QRP community is all about. AL7FS's friend in Anchorage is Hot for Ham Radio and we can get together and get someone with a tough financial situation into the hobby (before winter sets in) in Alaska.

I propose that if 20 of us got into the mindset of just stuffing \$5 into an envelope and send it off to Jim to fund a radio for this fellow what a show of goodwill and fraternity it would be.

Let me be the first to donate (if Jim would accept) my help toward a new fellow who is excited to be a ham and a CW op at that!

I know this cannot be done for everyone but every now and then it sounds like a good idea for the right person.

Just a thought. All it takes is 20 or so of us giving up a Starbucks Coffee one time and someone is that much closer to getting on the air.

72/73,

Jack

Do You Yahoo!?

Send instant messages & get email alerts with Yahoo! Messenger.

<http://im.yahoo.com/>

Date: Fri, 18 Aug 2000 07:05:00 -0400

From: Tom and Roxy <zikot@erie.net>

To: qrp-1@Lehigh.EDU

Subject: [77645] QRP From Presque Isle State Park PA.

Message-ID: <3.0.5.32.20000818070500.007ee9f0@erie.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi gang!

This Sunday my wife is having a picnic for her employees at our local state park here in Erie, PA., Presque Isle. If weather permits I will be on the air from 1100-2100 (Local) using the SMK-1 that was kindly given to me by Mr. Dave Hinerman, WD8CIV. I will be running 250mw on about 7.036. Since this picnic area is next to a pond and people will be running around I decided to use a bunch of Helium balloons to raise a 40m full wave Marconi, approx. 65'. I am also running a ground wire to a small metal plate and putting it in the pond as a counterpost for the long wire. The #24AWG wire will be connected to a short piece of RG58/x coax that will be held down to the picnic table with a

eyelet bolt and then to the SMK-1. Has anyone had any success with using #24AWG as a antenna, longwire or dipole? I purchased a container of Helium from a local party shop and if this works out like I think it will then I intend to use this same method from my QRP beach location at Presque Isle state park. I don't see any reason why #24AWG wire wouldn't work this way, maybe I am way off base on this?? Agn if anyone has had good or bad luck using #24AWG wire as an antenna please let me know. This is basically the way a Navy lifeboat LF xcver, CRT-3, worked, however I think the wire that came with it was more like #20AWG. I have not seen a CRT-3 since 1991 during the Persian Gulf War.

I am very much looking forward to a QSO with members from QRP-L and I hope to QSO as many of you as the band conditions permits. I am going to take me GPS to this location this evening and I will be posting which grid square I will be in since Presque Isle state park borders on 4 grid squares. That is why I recently purchased a GPS receiver.

73's es gud DX!

Tom & Roxanne
WA1VAI/3

Date: Fri, 18 Aug 2000 12:28:07 +0100
From: bejones@hursley.ibm.com
To: qrp-l@Lehigh.EDU
Subject: [77646] s h 5
Message-ID: <399D2BD7.15987.3FA7A8@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

A couple of years back I was loooking into Koch's research into learning morse and as a result built a handheld morse tutor - similar to MFJ's commercial one.

Koch was a Swiss psychologist who studied learning and chose morse as an example. His research showed the fastest way to learn (ie subconsciously recognise the rhythm) morse was to play at 12-15wpm full speed right off the bat but only 2 chars - ie send a set of (say) "KKM MMKMMM KMKKM" until you could differentiate pretty much 100% between Dadidah and Dadah. Then add a third letter, get up to 100% and add the fourth etc.

Anyway - relevance to "s h 5" - my tutor implements this method of learning by sending a stream for you to copy (at either 15 or 20wpm) and then (on a key press) replaying slowly and displaying on an LCD for you to check accuracy. The first 3 chars are currently KMR but could easily be changed to SH5 (and the speeds could even be changed). The whole thing is just basically a PIC16F84 and LCD so costs less than 20 bucks to build.

So if you can blow a 16F84 or know someone who can (I could even be pressed into assist here although I'm the wrong side of the pond) it would be simple to change the code to provide a "SH5" tutor (actually it would be more useful than that - if you set the letter count in the menu to 3 you'd get just a SH5 tutor, if you up it to 49 you'll get a full random code tutor - this is on the keys - no reprogramming needed). Also since the PIC is readily reprogrammable it could be reused to provide tutors for other sticking combinations.

The latest version of the tutor is on the QSL site at <http://www.qsl.net/ta1dr/cwtutor.htm>

Anyone interested in Koch or any other aspect of morse is probably already familiar with Bill Pierpont's excellent "Art and Skill of Radio Telegraphy" - if not it's at: <http://www.joates.demon.co.uk/megs/NOHFF/index.htm>

Brian G0UKB
Brian E Jones
Centre for Java Technology
IBM HURSLEY

Date: Fri, 18 Aug 2000 08:06:48 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [77647] Re: QRP From Preqsue Isle State Park PA.
Message-ID: <001801c0090c\$cad10f50\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> eyelet bolt and then to the SMK-1. Has anyone had any success with
> using #24AWG as a antenna, longwire or dipole?

Tom,

I've used #26 (heavy wire-wrap wire) with no problems. It's not like you're going to burn it up with that SMK-1.

> I purchased a
> container of Helium from a local party shop and if this is works
> out like I think it will then I intend to use this same method from
> my QRP beach location at Presque Isle state park.

If you're using the regular toy / party balloons (i.e. something other than a weather balloon), you might want to underinflate them slightly. Once they get in the sun, they'll heat up and the gas will expand. (I've had balloons pop at a number of outdoor birthday parties.)

Good luck with the trip!

Dave

Date: Fri, 18 Aug 2000 06:18:10 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [77648] FOX was strong
Message-ID: <Pine.LNX.4.10.10008180611350.781-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim N0UR had a real nice signal in southern NM most of last night. He QSB'ed to 40 over s9 several times. With my High Power Argonaut I was confident Jim would work me earlier than when it ran 2 watts.

Turned out I guess technique stood in front of raw power; I worked Jim at 0130 just like all the others I have worked. OH Well, 5 watts is not a lot more power.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 18 Aug 2000 08:25:36 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: w0av@juno.com

Cc: qrp-1@lehigh.edu
Subject: [77649] Re: Somewhat OT Re: Regenerative RX Use (was Re: Really, really old radio receiver.)
Message-ID: <v03110702b5c2d841c5be@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi George,

Thanks for the great post of your experiences from the earlier days of QRP and ham radio. You should write these down, I'm sure any ham magazine would love to publish them. I know I would like to hear more about it. I seem to recall an article years ago about the carbon mike TX. It may have been about communications in the trenches during WW1.

73,

Rick kf4ar

Date: Fri, 18 Aug 2000 07:12:51 -0500
From: George F Franklin <w0av@juno.com>
To: ka0gkc@arrl.net
Cc: qrp-1@Lehigh.EDU
Subject: [77650] Re: Old Radio Rebuild
Message-ID: <20000818.072540.-467225.6.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Claton,

Back in the thirties and forties Philco radios were famous (infamous) for failures of the many bypass caps, causing all sorts of problems, including oscillations and smoking resistors..

As I recall,(it has been quite a few years, hasn't it?) they were single, double or triple units, encapsulated in black plastic-like material, fastened to the under side of the chassis with one or two screws.

First, I would try replacing the screen bypass caps on the various stages.

Even bridging one at a time with a 0.1 uF cap might confirm my

"diagnosis."

Also, failure of the decoupling caps (electrolytics, don't remember the physical form) in the B+ line will cause such problems.

Your message brought back lots of memories from way back when. I got my first ham license in 1935 (W9UXQ, St. Louis, MO). I was 14 years old.

Good luck.

72/73/74 de George/W0AV
SOC#101, K2 SN 550

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 18 Aug 2000 08:39:13 -0400 (EDT)
From: Jim Cotton <cotton@wmich.edu>
To: qrp-1@Lehigh.EDU
Subject: [77651] Re: Old Radio Rebuild
Message-ID: <Pine.GS0.4.21.0008180832160.3157-1000000@puma.lab2.cc.wmich.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In my basement I have a four page service bulletin from Philco that translates between "new 194x?" and "old" part numbers for the encapsulated cap units. It has the values and the schematics for the units. Drop me an email if anyone has a need for a copy of it.

Jim Cotton, N8QOH		jim.cotton@wmich.edu
Western Michigan University		Phone: (616) 387-6421
Network Systems Group		Fax: (616) 387-5473

On Fri, 18 Aug 2000, George F Franklin wrote:

>Hello Claton,
>
>Back in the thirties and forties Philco radios were famous (infamous) for
>failures of the many bypass caps, causing all sorts of problems,
>including oscillations and smoking resistors..
>
>As I recall,(it has been quite a few years, hasn't it?) they were
>single, double or triple units, encapsulated in black plastic-like

>material, fastened to the under side of the chassis with one or two
>screws.
>
>First, I would try replacing the screen bypass caps on the various
>stages.
>Even bridging one at a time with a 0.1 uF cap might confirm my
>"diagnosis."
>
>Also, failure of the decoupling caps (electrolytics, don't remember the
>physical form) in the B+ line will cause such problems.
>
>Your message brought back lots of memories from way back when. I got my
>first ham license in 1935 (W9UXQ, St. Louis, MO). I was 14 years old.
>
>Good luck.
>
>72/73/74 de George/W0AV
>SOC#101, K2 SN 550
>

>YOU'RE PAYING TOO MUCH FOR THE INTERNET!
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>Try it today - there's no risk! For your FREE software, visit:
><http://dl.www.juno.com/get/tagj>.
>

Date: Fri, 18 Aug 2000 08:38:32 -0400
From: "Shawn Upton" <shawn-upton@orgella.com>
To: <qrp-1@lehigh.edu>
Subject: [77652] TenTec 1340 Sidetone
Message-ID: <01d801c00911\$46113240\$1b13bac6@eng.orgella.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, I looked at a bit more last night. Turning down the gain made it more wacky--proper sidetone with slightly reactive load, wild swr--and no power output w/50 ohms.

I started playing with the output filter--the torriods--and noticed that one of them when moved caused a temporary fix. So, I'm going to pull the three torriods, check for bad solder joints (proper turns count too), stick 'em back down as far apart as possible, and see if that fixes the problem. I'm also going to reduced the lead lengths--the touchy one is about 0.25 inches above the board. The rest are much closer.

Thanks for all the replies.

KB1CKT
Shawn Upton

Date: Fri, 18 Aug 2000 09:18:17 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <zikot@erie.net>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [77653] RE: QRP From Preqsue Isle State Park PA.
Message-ID: <000001c00916\$c62ad440\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Tom:

N2RI and KQ2G and I have used balloon antennas during QRP Field Days in the past. Ours was from a WWII "Gibson Girl" rig, and was originally intended to be inflated with hydrogen. In any case, the first time we tried it the antenna served us quite well, as we used it at a seaside QTH which worked out as a good counterpoise under the "vertical."

One thing we did encounter was static electriocity buildup on the balloon. in fact, KQ2G was almost knocked over when he drew a fat spark at the base of the antenna as the balloon swayed in a stiff breeze. We solved the problem with a 2.5 mHy choke to ground, but if we didn't do that the ESD would've most certainly zapped our QRP gear!

You should be able to drain off the build up of voltage with a resistor as well if you can't locate a small choke.

GL es vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of Tom and Roxy
Sent: Friday, August 18, 2000 7:05 AM
To: Low Power Amateur Radio Discussion
Subject: QRP From Preqsue Isle State Park PA.

Hi gang!

This Sunday my wife is having a picnic for her employees at our local state part here in Erie, PA., Presque Isle. If weather permits I will be on the air from 1100-2100 (Local) using the SMK-1 that was kindly given to me by Mr. Dave Hinerman, WD8CIV. I will be running 250mw on about 7.036. Since this picnic area is next to a pond and people will be running around I decided to use a bunch of Helium balloons to raise a 40m full wave Marconi, approx. 65'. I am also running a ground wire to a small metal plate and putting it in the pond as a counterpost for the long wire. The #24AWG wire will be connected to a short piece of RG58/x coax that will be held down to the picnic table with a eyelet bolt and then to the SMK-1. Has anyone had any success with using #24AWG as a antenna, longwire or dipole? I purchased a container of Helium from a local party shop and if this is works out like I think it will then I intend to use this same method from my QRP beach location at Presque Isle state park. I don't see any reason why #24AWG wire wouldn't work this way, maybe I am way off base on this?? Agn if anyone has had good or bad luck using #24AWG wire as an antenna please let me know. This is basically the way a Navy lifeboat LF xcver, CRT-3, worked, however I think the wire that came with it was more like #20AWG. I have not seen a CRT-3 since 1991 during the Persian Gulf War.

I am very much looking forward to a QSO with members from QRP-L and I hope to QSO as many of you as the band conditions permits. I am going to take me GPS to this location this evening and I will be posting which grid square I will be in since Presque Isle state park boarders on 4 grid squares. That is why I recently purchased a GPS receiver.

73's es gud DX!

Tom & Roxanne
WA1VAI/3

Date: Fri, 18 Aug 2000 07:20:41 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'mparkes@att.net'" <mparkes@att.net>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [77654] RE: Will the Norcal BLT tune up on 80?
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBCE7@ARCADIA-PD1>
MIME-Version: 1.0

Content-Type: text/plain

I've heard of some hams adding more series capacitance and more windings to the toroid in BLT, and Zmatch tuners. The added inductance might "lose" 15 meter and high coverage. Some hams have switched in additional series caps in Zmatches.

Jay
W6CJ

-----Original Message-----

From: Mike [mailto:mparkes@att.net]
Sent: Thursday, August 17, 2000 8:34 PM
To: Low Power Amateur Radio Discussion
Subject: Will the Norcal BLT tune up on 80?

Wonder if this little jewel will tune up on 80?
Mike AB7RU

Date: Fri, 18 Aug 2000 08:26:13 -0700
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-l@Lehigh.edu'" <qrp-l@Lehigh.edu>
Subject: [77655] Speaking of Tubes
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F430997FFB6@blaze.bcsc.GOV.BC.CA>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I too am restoring an old 1952 AM/Shortwave RCA radio and need to replace the "electric eye" tube. It is an EM-34 a.k.a. 6CD7. Anyone have a spare? I have a bunch of tubes for trading.

Doug VA7DD

Date: Fri, 18 Aug 2000 08:57:22 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: qrp-l@lehigh.edu
Subject: [77656] Re: Making the K2 a BIG DEAL in a QSO
Message-ID: <v03102808b5c3095fb3eb@[206.169.249.45]>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I don't have a dog. I suppose I could talk about my K1 ;)

Seriously, novel content **is** lacking in a lot of QSOs, especially those conducted with QRP. But it's been that way ever since I can remember, going back to my first hesitant contacts on my W7ZOI Mountaineer in 1972.

This shouldn't be surprising. The hobby is already focussed on equipment, and QRPers are way above average when it comes to building their own.

But the real culprit is signal-to-noise ratio. QRPers hang out right at the noise margin. It's hard enough just to get the RST, QTH, and name, and once that is accomplished, it's on to WX (for non-QRP QSOs) or rig (for QRPers). We're creatures of habit.

Fortunately, we have a really effective back-channel for building relationships off the air: e-mail. In the past this function was provided by QSL cards or letters. It's a happy coincidence that e-mail has come along in an era where postage is so expensive that few people send 100% QSLs anymore.

73,
Wayne
N6KR

Date: Thu, 17 Aug 2000 12:15:55 -0400
From: MARTIN J STRATTON <kc2cwn@juno.com>
To: w6abc@yahoo.com
Cc: qrp-1@Lehigh.EDU
Subject: [77657] Re: RE AL7FS: New Ham in Alaska
Message-ID: <20000817.121556.9230.1.kc2cwn@juno.com>

Jim you said the fella was serious about getting involved in CW traffic?

The best book I have bough for traffic is the ARRL Operating manula \$25. It has tons of other good info in it.

Required reading for serious traffic handlers : Public Service Communications Manual \$1.00 ARRL

If he wants the basics for free
I will type the below in email form and email them.

I assume the NYS CW NET is similar to
Alaskan CW net operation?

"GUIDE TO NYS & NTS"

by WB2EAG and KU2N
revised by KA2GJV jan 23, 1993

Topics include:
"NET CHARACTER"
"NET SPEED"
"CHECKING IN (QNI)"
"NET PARTICIPATION"
"OPERATING AIDS"
"TRAINING"
"OTHER NETS"

-----Here is a copy of a message
I received from a fellow EAN ham.-----

Martin,

You might want to subscribe to the NTS-EAN reflector...about traffic
handling in the eastern area of NTS. Send an email to
NTS-EAN-subscribe@egroups.com with a blank subject and blank message
text.

You will get back instructions. A lot of very serious traffic handlers
there. If for some reason you try and you can't get it to work, let me
know

and I can add you to the reflector myself (I'm one of the moderators).

I started 38 yrs ago in NLI, which has since disbanded and become part of
NYS. I am a past manager of NYS.

I used Heathkit SB401/303 as well as TS520S for many years. I never
found
the lack of QSK to be an impediment. In fact until very recently (like
about 2 yrs ago), all my TCC (transcontinental corps) skeds, which pretty
much require high power, were done without QSK. My amplifier was not QSK
capable. It's an old SB220. I have since modified it to have QSK and it
certainly is nice to have...but not a must-have.

A code speed of 20 wpm is ****not**** slow. Perhaps you hear several

stations

sending faster, but not by much. I routinely NCS on EAN (eastern area net)

at about 25 wpm. Some send a bit faster, most about the same, some quite a

bit slower. Once you've made it to 20 wpm, getting faster is just a matter

of time, not so much effort as getting to 20. Probably one CW contest like

Sweepstakes will bring it from 20 right up to 30 in one weekend.

Knowledge of proper operating procedure, and not code speed, is what is valued and what is important.

I still find myself copying traffic with pen and paper. Ball point pen (less friction) and not the fine point type, either. It has to slide well

so I can write fast. I can write (script) up to about 45 wpm. Above that

it's chicken-scratchings. Point is, you don't need a computer/typewriter

to copy fast code, unless you've a physical disability involving writing skills that is absent with typing. I've tried the computer method and concluded that it makes getting fills much more difficult. Navigating around text with cursor keys or mouse is much slower than moving a pen up a

half-inch and making a correction. So, I stick with the old-fashioned method, myself.

So, welcome to one of the closest-knit (sub)fraternities within hamdom: Traffic handlers. You have one of the finest living very close to you. His

name is Bill Thompson W2MTA in Newark Valley. I believe he's not planning

to be home much in August, but it would be worth a call to him, introduce yourself, etc. You probably already know Bill. Another top notch traffic handler in your town is Nancy KF1L. And, you don't catch her sending much

more than 20wpm, either! She's an outstanding tfc handler both on CW and voice modes. She lives in B'hamton.

Welcome, enjoy, and hope to see you up on EAN someday.

73,

Gary Ferdinand W2CS
Apex, North Carolina

| -----Original Message-----
| From: owner-traffic-handling@qth.net
| [mailto:owner-traffic-handling@qth.net]On Behalf Of MARTIN J STRATTON
| Sent: Sunday, July 30, 2000 9:40 AM
| To: traffic-handling@qth.net
| Subject: [Traffic-Handling] newbie

|
| Hi I am Martin kc2cwn

|
| I am too slow to take a
| 2rn position at the moment.
| My solution is to handle 100
| NTS messages (75 from NYS).
| That will bring my traffic handling speed up.
| My problem is lack of fast QSK. The TS 530
| rig has fast VOX that is still a little slow, and
| I have slow code speed 20 wpm. Only I have not
| been able to develop my back copy.
| I still type everything on the computer
| and spend a few sec reading what I have typed
| before I reply.

|
| I am usually on the NYS NET 3677 kHz at 0300 Z.

|
| I have just recently become certified as
| a NYS Traffic handler.
| Also got the Official relay stn and official
| emergency stn certificates from ARRL.

|
| MARTIN J. STRATTON. 3 GAYLORD ST. BINGHAMTON NY.13904

--- cut---

On Fri, 18 Aug 2000 00:20:05 -0700 (PDT) ABCQRP <w6abc@yahoo.com> writes:

>Hi All,
>I think this is a great opportunity to show what the
>QRP community is all about. AL7FS's friend in
>Anchorage is Hot for Ham Radio and we can get together
>and get someone with a tough financial situation into
>the hobby (before winter sets in) in Alaska.
>I propose that if 20 of us got into the mindset of

>just stuffing \$5 into an envelope and send it off to
>Jim to fund a radio for this fellow what a show of
>goodwill and fraternity it would be.
>Let me be the first to donate (if Jim would accept) my
>help toward a new fellow who is excited to be a ham
>and a CW op at that!
>I know this cannot be done for everyone but every now
>and then it sounds like a good idea for the right
>person.
>Just a thought. All it takes is 20 or so of us giving
>up a Starbucks Coffee one time and someone is that
>much closer to getting on the air.
>72/73,
>Jack
>
>-----
>Do You Yahoo!?
>Send instant messages & get email alerts with Yahoo! Messenger.
><http://im.yahoo.com/>

Jim/jack 73's es cul DE Marty KC2CWN

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Fri, 18 Aug 2000 10:01:32 -0700
From: Ken Knecht <kenk@primenet.com>
To: qrp-l@lehigh.edu
Subject: [77658] QRP publications
Message-ID: <3.0.6.32.20000818100132.0086f2a0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm trying to figure out my status on some of the QRP publications I receive.

QRP Quarterly:

FB, just got one a week or two ago.

QRP Homebrewer:

The last one I got was Vol 2, No. 1, Winter 2000. Anyone have a later copy?
The label says 2 issues remaining so my subscription hasn't expired.

QRPP:

The last one I got was Vol VII, No. 4, Winter 1999. Anyone got a later issue? The label says that was my last issue, but I sent a renewal check for \$15 on 5/5/00 so I should have another year's worth coming. The check was cashed.

Thanks

Any other good QRP publications I should know about?

73

Ken W9NPP

Date: Fri, 18 Aug 2000 13:16:18 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [77659] Re: QRP publications
Message-ID: <003701c00938\$06fb87a0\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> Any other good QRP publications I should know about?

Ken,

Your subscription to QRP-L is about to expire. This is the last message you'll receive unless you RENEW TODAY! Send an e-mail with the word RENEW in the subject line, plus \$3 postage and handling, to ListServ at Lehigh.Edu.

(Sorry - a one-liner is a terrible thing to waste.)

Dave

Date: Fri, 18 Aug 2000 13:15:16 -0400
From: "Russ Hines" <radioruss@fuse.net>
To: <Doug.Davies@gems3.gov.bc.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [77660] Re: Speaking of Tubes
Message-ID: <002c01c00937\$e2343f20\$042044d8@rbhines>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oh, my. You guys got it BAAAD. ;-)

There's still hope. Try to get that "hollow state" monkey off your back.
Just repeat after me, "Collectors are good, plates are bad."

That's it, it's okay. We're with you.

"Low voltage high current is good; high voltage low current is bad."

"Drains are good, grid bias is bad."

Good, keep it up. Now, go chew on a FET, rinse and repeat.

Have fun, guys. ;-)

73,
Russ
WB8ZCC

----- Original Message -----

From: Davies, Doug A FOR:EX <Doug.Davies@gems3.gov.bc.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, August 18, 2000 11:26 AM
Subject: Speaking of Tubes

> I too am restoring an old 1952 AM/Shortwave RCA radio and need to replace
> the "electric eye" tube. It is an EM-34 a.k.a. 6CD7. Anyone have a
spare?
> I have a bunch of tubes for trading.

>
> Doug VA7DD
>
>

Date: Fri, 18 Aug 2000 13:31:38 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [77661] Re: Speaking of Tubes
Message-ID: <003e01c0093a\$2ab0b1f0\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> Oh, my. You guys got it BAAAD. ;-)
>
> There's still hope. Try to get that "hollow state" monkey off your back.
> Just repeat after me, "Collectors are good, plates are bad."

Russ, oh Russ... you've been brainwashed into believing the "newer is better" philosophy? Think! Who promotes that more heavily than Microsoft, The antithesis of QRP!

Just remember - a plate is nothing but a "collector" of electrons "emitted" by the cathode. See? They jsut changed the names of the elements to make it seem new and fresh.

> "Low voltage high current is good; high voltage low current is bad."

And high voltage -with- high current will blow them both away.

> "Drains are good, grid bias is bad."

I agree - I try to remain unbiased. We all look the same behind a J-38 and a dipole... there's no place for elitism here.

(Sorry folks - two jokes in a row. I'll go dead-bug a 2 mw RTTY transmitter as penance.)

Dave

Date: 18 Aug 2000 11:13:53 -0700
From: Mike Pupeza <mpupeza@altavista.com>
To: qrp-1@lehigh.edu
Subject: [77662] Re: CW filter for Yaesu FT-7?
Message-ID: <20000818181353.15295.cpmata@c012.sfo.cp.net>
Content-Type: text/plain
Content-Disposition: inline
Mime-Version: 1.0

As I recall, there IS a blank space alongside the SSB filter that is prewired for a CW filter. I used that space to wire in an additional SSB filter and ran 2 in series. It worked fine. I had to change the jumpering as I recall.

The filter is a 'standard' 9.00 MHz one, and was made by several second source suppliers. Fox-Tango is one, but a LOT of similar others 'should' work. They are very common at the Dayton and Orlando fleamarkets. I have seen them for under \$20.

Good luck.

Mike VE3EQP

Free Unlimited Internet Access! Try it now!
<http://www.zdnet.com/downloads/altavista/index.html>

Date: Fri, 18 Aug 2000 13:26:00 -0400
From: "Jean Jibouleau" <jiboulj@globetrotter.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [77663] Re: Wanted: Digital Volt Meter Circuit
Message-ID: <009101c00941\$823e0240\$9b95a98e@n8w8k5>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hello All,
Just my 2 cents about it.

I just bought a cheap LCD meter recently and I intend to put it into my ultimate power supply. Well, thing are not so msimple. The little gremlin

is very sensitive to his own power supply. So it's a catch 22 like they say. I have to make a power supply for the meter so it could metered the power supply :-((

Things get worse when I realise that digital display is not really so handy. Of course I can show you a very precise value IF the measure does not move. BUT when it moves up or down the only thing you will see lots of numbers and it won't tell you anything. So when the radio will go to transmit the battery could go down a little and go up on receive. This could cause a problem to the LCD meter.

My vote goes to some cheap VU meter used some years ago to show the power output of radio, phono or else. I just bought 5 of them for about 2,50\$ (CAN\$). Just add a suitable resistor with it and you are in business.

Jean VE2GHI

----- Message d'origine -----

De : "Tom Popovic" <ki3r@yahoo.com>

: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Envoy : 17 août, 2000 22:55

Objet : Re: Wanted: Digital Volt Meter Circuit

> Hello DaveHosfelt Electronics 1-800-524-6264 has
> a nice kit for \$7 that works great and should meet
> your needs quite well. product code is VM-1.

>

> 73 Tom KI3R Port Vue Pa.

> --- "John J. McDonough" <wb8rcr@arrl.net> wrote:

> > -----Original Message-----

> > From: David Hinerman <dlh1009@ritvax.isc.rit.edu>

> > Subject: Re: Wanted: Digital Volt Meter Circuit

> >

> >

> > > I am looking for a circuit, yes another one,

> > using either a LED or LCD

> > (LED

> > > preferred) readout for a compact DC volt meter.

> > Maximum voltage would

> >

> > The G-QRP club has a real simple little voltage

> > monitor using a bargraph

> > display and an LM3914 or some such. (well, they use

> > 10 LEDs but a bargraph

> > display seems a little nicer). Seems like this

> > might be another approach.

> > You could set the range to whatever you wanted.

> > It's real compact, cheap,

> > and if the point is to monitor the supply, seems

Portland, OR 97223
503-603-1931 - Tel
503-684-6620 - Fax
503-703-2032 -- Cell
KD7DMH
//_/_/_/_/_/_/_/_/_/_/_/_/_/_

Date: Fri, 18 Aug 2000 14:56:55 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [77665] low-power philosophy
Message-ID: <005701c00946\$14baefd0\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> D'you think QRP'ers hide behind less technology than
> other hams? Perhaps QRP'ers apply the KISS principle more often than
> others, so you're more likely to find a J-38 than a PC keyboard
> hosed up to the key jack.

Glen,

"Hide behind less technology"? Hmmm... I don't think "less technology" quite hits it. Not when there are cheap QRP rigs with DDS frequency control, or PSK transceivers. Maybe "hide less" comes a little closer - QRPers will walk the tightrope of low power operation, knowing they may not work every station they hear but knowing the ones they DO work are due to their own skill, not a fat checkbook or an open account with Kenwood. When a high-powered station scores, one could wonder if it was the operator's skill or just the artificial aurora caused the the amplifier.

I think QRPers are to ham radio what the computer hackers of the 70s and early 80s were to Computer Science - these guys would spend weeks trying to figure out how to remove one more instruction from a working program and have it keep working. It wasn't a matter of proving how powerful your program was - it was about proving how good YOU were. Quite the antithesis of commercial programming today - the idea is "get it to market quick - we don't have to pay for the RAM!" so you end up with code bloat, and a skillful marketing campaign to convince the users they really do need MORE POWER to do the same job they're been doing. As Jerry Pournelle used to say in BYTE Magazine, "'Better' is the enemy of 'good enough.'" I think QRPers realize that it tain't necessarily so.

Dave

Date: Fri, 18 Aug 2000 13:33:26 -0700
From: Paul Maciel <pmaciel@inow.com>
To: kenk@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Paul Harden
<na5n@rt66.com>, wa6ger@aol.com, ki6ds@hotmail.com
Subject: [77666] Re: QRP publications
Message-ID: <399D9D96.5750FAE6@inow.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Ken,

Yes, your check was received and the renewal has been posted to the QRPp subscriber database, unfortunately there hasn't been an issue mailed since then.

The good news is the Spring Issue should be on the way and the Summer isn't very far behind.

Thanks for your understanding.

---Paul AK1P San Jose, CA

Ken Knecht wrote:

>
> I'm trying to figure out my status on some of the QRP publications I receive.
>
> QRP Quarterly:
>
> FB, just got one a week or two ago.
>
> QRP Homebrewer:
>
> The last one I got was Vol 2, No. 1, Winter 2000. Anyone have a later copy?
> The label says 2 issues remaining so my subscription hasn't expired.
>
> QRPp:
>
> The last one I got was Vol VII, No. 4, Winter 1999. Anyone got a later
> issue? The label says that was my last issue, but I sent a renewal check
> for \$15 on 5/5/00 so I should have another year's worth coming. The check

> was cashed.
>
> Thanks
>
> Any other good QRP publications I should know about?
>
> 73
>
> Ken W9NPP

Date: Fri, 18 Aug 2000 16:43:19 EDT
From: N0UR1@aol.com
To: QRP-L@lehigh.edu
Subject: [77667] FOX- N0UR, Raw Log
Message-ID: <6d.8396983.26cef9e7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Again, Thanks to everyone for a wonderful "hunt." Great op's, and great condx made it all possible. There were a lot of big signals coming back to me, the first 45 minutes were wild. I wish I had tape recorded the pile up at the beginning. I even had 4 DX stations call me, I don't think they had any idea what was going on, but we got the information exchanged. If was fun!

Here is a "raw" log. There was a high level of QRN here, so some exchanges were tough, I did my best.

CALL	RST	STATE/SEC	NAME	#/POWER	TIME
N5TW	559	TX	TOM	1474	00
AF4PS	599	FL	MAC	704	01
NV4V	579	KY	PETE	1721	02
AJ4Y	559	FL	PAUL	1795	03
N1TP	579	FL	TOM	1317	04
W5YR	559	TX	GEO	1373	05
AF5Z	579	TX	BOB	984	05
N4ROA	599	VA	DAN	970	06
N5IW	559	TX	DAVE	1718	07
NQ7X	559	AZ	FLOYD	343	07
AA5UN	599	TX	MARTY	5W	08
W2XN	599	FL	FRED	1728	09
KB1ENS	559	VT	JOHN	2150	10
K5EOA	559	LA	WAYNE	5W	11
K5AAR	559	OK	DON	1512	11
K7TQ	579	ID	RANDY	102	12

K1QM	569	MA	JOEL	337	13
K0EVZ	559	ND	DOC	861	14
N10DL	559	NH	ARON	1326	14
NW7DX	559	WA	BEN	1892	15
N5ZE	449	TX	LEW	2178	16
KC1FB	599	CT	JIM	29	17
VA6RF	559	AB	EARL	1076	17
AE9F	569	CA	DAN	5W	18
K6VNX	559	CA	ARLEN	5W	19
VE7SL	559	BC	STEVE	762	20
K5BGB	559	TX	RON	2231	22
W4EN	559	NJ	ED	2216	23
N5IB	559	VA	JIM	1913	24
WJ1R	559	CO	LARRY	2137	25
N1FN	559	CO	ET	163	26
W8DIZ	559	FL	DIZ	1998	27
N5ZE	559	TX	LEW	2178	28
K5DI	579	NM	KARL	2195	29
N4HAY	579	NC	DICK	1008	30
NK7M	559	AZ	BOB	271	31
K8CV	559	MI	WALT	935	32
K0SQ	599	MN	CHUCK	5W	33
WB8RCR	449	MI	JOHN	1446	34
W7ILW	559	AZ	HOWARD	2010	35
AB8DF	559	MI	ED	1444	36
VE3VX0	599	ON	JOE	1829	36
WA7SPY	559	CA	GLENN	2214	38
AJ4AY	559	AL	JAY	1372	39
AA7EQ	559	AZ	BOB	2186	41
K0PC	559	MN	PAT	1964	44
K50I	559	NM	TIM	73	45
KM4LS	599	GA	BILL	100W	46
AF4PP	559	GA	CHUCK	1685	48
k0QD	559	CO	HUGH	274	49
W6BAB	569	CA	HARVEY	5W	56
K5DW	559	TX	DON	2083	57
N0AR	559	MN	SCOTT	1455	58
VE3VRA	559	ON	JOHN	5W	59
W5YW	559	LA	MIKE	5W	0201
KA1DDDB	559	MI	MIKE	2064	02
N5FC	569	TX	MONTY	2202	03
WD5CMA	569	LA	GLORIA	5W	06
AF4LQ	579	KY	MIKE	1395	08
W0UFO	559	MN	MERT	1908	10
K4AVX	579	KY	JOHN	1753	11
KD6VIO	559	CA	BOB	NC8 ?	14 (I asked
for a # repeat twice)					
SM4BNK	559	SW	ERIK	100W	16

PY2CWS	559	PY	PAULO	100W	22
KT3A	559	PA	CAM	7	25
WD40JY	589	VA	JIM	2134	26
KF2P	599	NY	NICK	13	30
SM4MWJ	539	SW	TOR	100W	34
AA0ZZ	599	MN	CRAIG	1238	41
KB7WW	559	OR	ART	290	44
AA6AV	449	CA	PETER	5W	49
F5JD	559	FR	JOSE	60W	53
WA6HZY	579	CA	JIM	100W	55
W0CH	579	MO	DAVE	618	57

Date: Fri, 18 Aug 2000 20:45:54 +0100
 From: Larry S Cahoon <wd3p@juno.com>
 To: n7rr@hotmail.com, qrp-1@Lehigh.EDU
 Subject: [77668] Re: Energizer e^2 Titanium Technology Cell
 Message-ID: <20000818.204813.-431731.1.wd3p@juno.com>
 MIME-Version: 1.0
 Content-Type: text/plain
 Content-Transfer-Encoding: 7bit

On Thu, 17 Aug 2000 21:19:47 GMT "Bruce Prior" <n7rr@hotmail.com> writes:
 > Questions, I have questions!

>

> After seeing an ad about the new Energizer e^2 (e-squared) Titanium
 > Technology Cell, I did some surfing. At www.energizer.com I found a
 > lot of
 > fluff. I'm interested in real data. How much does, say, an AA cell
 > weigh

>

The information is there. From their main page click Tech info, then
 click Data Sheets. On that page energizer e2 gives the specs and
 performance curves on the new batteries. consumer/OEM give the
 information on the alkaline batteries.

These look similar to the Duracell Ultra where the reduced the internal
 resistance and made them more efficient at higher current levels. The
 specs are the same for both batteries - same size and weight.

I looked only at the AA batteries. Both types are rated 2850 mAh at 25 mA
 current. The performance curves are almost identical. If you look
 closely you will see the lower internal resistance for the new model.
 The only clean comparison given is for a 3.9 ohm toy. This gives about 5

hours usage at an hour a day when you use the alkaline batteries down to 1 volt and 5.5 hours for the new batteries. Not a lot of difference. The 3.9 ohm probably convert to a current of 250-350 mA depending on the voltage level of the batteries. I sure wish they would give me a clean readable chart at constant current. I can't see any difference between the two types of batteries on the charts they do give.

Bottom line is that drawing 250-350 mA I am guessing you get 10% more usage. Not good if I have to pay 20-30% more for the batteries. At lower currents the savings would be even less. They imply that at higher currents the savings are better. Duracell's charts show this for their batteries.

73 de Larry.....WD3P in MD

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<http://dl.www.juno.com/get/tagh>.

Date: Fri, 18 Aug 2000 18:00:56 -0400

From: Tom and Roxy <zikot@erie.net>

To: qrp-1@Lehigh.EDU

Subject: [77669] Re: QRP from Presque Isle State Park PA.

Message-ID: <3.0.5.32.20000818180056.007d69b0@erie.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Thank you one and all for you comments, suggestions, and especially warnings about using a balloon for raising a QRP antenna.

I am hoping the WX holds up for I am very much looking forward to any chance to work QRP outdoors. I'll bet that many people watching me will think there is no way on Earth that I can contact someone in PA, let alone another state, using such a little box with a silly antenna attached to a bunch of balloons. I love skeptics when it comes to Ham Radio, especially the reality of QRP and good DX! The WX is suppose to be 69-72 deg and partly sunny so it looks like a go for another QRP adventure. I wish I had gotten bit by the QRP bug back in 1975 and not 1999, better late than never.

If this effort flopps I intend to try a suggestion and use a 5/8y antenna with a base loading coil on my next trip to my favorite QRP location at beach #11.

Agn, I will be keeping my ear open for everyone and I hope to QSO

you on Sunday. I am still in the process of getting a special
QSL card made for my QRP adventures from Presque Isle.

I hope everyone has a great weekend and tnx for your help.

73's es gud DX!

Tom & Roxanne
WA1VAI/3

End of QRP-L Digest 1917

